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# Educational Weekly <br> Vol. V. THURSDAY, FEBRUARY $17 \mathrm{TH}, 1887$. 

# The Educational Weekly. 

Edilea by T. Arnold Haultain, M.A.

PUBLISHED AY<br>the grip printing and publisaina co. toronto, CaNada.

Jashas V. Whicht. Genema dfamager.
TORONTO, FEBRUARY 17, 1897.
The Toronto branch of Queen's Cniversity Endowment Assuciation has passed resolutions advolating the enpediency of the friends of the University rasing $\$ 250,000$ and urging the co-operation of the Ontario Govermment in establishing a school of Practical Science for Eastern Ontario in Kingston.

The solicitors for the Toronto Baptist College and for Woodstock College, intend applying to the Ontario Legislature at its next session for "an Act to unite the Toronto Baptist College and Wocdstock College under the name of McMaster University; and for vesting the property and control of the said colleges, so united, in a Board of Governors and Senate, such Board of Governors to be composed of the president of the University and sixteen members, twelve to be elected by the regular Baptist Missionary Society of Ontario and four by the regular Baptist Missionary Convention East."

In 1884, a select commi:tee of the Dominion Parliament was appointed to inquire into the best means of deveioping the agricultural interests of Canada. It reported in favour of the establishment of experimental farm-schools in the various provinces, and in the session of $18 S_{5}$ a grant for this purpose was made by the Legislature. Professor William Saunders was also commissioned to investigate and report upon the institutions established in other countries. The result of his labours is a volume full of important details with respect to expermmental and agricultural institutions in the United States and in Europe Thereport calls special attention to the rapid progress which is being made
in France in experimental agriculture. Russia has made enormous progress in forestry, and has now no less than 12,502 named forests, covering thirty-nine million acres. In the province of Tula alone, where but little wood formerly was found, the government now has seven plantations, ranging in size from 18 , vio to 21,000 acres each. Iapan is moving in this matter. Recently the Japan government has engaged the services of an eminent Ameri can agriculturist for a term of gears at a li. sral salary, for the purpuse of establish ing in the Empire agricultural stations on the Amerizan plan. - Education.

Teachers are beginning to discover, says the Schoolmaster, that it is a great mistake to isolate themselves from other classes oi the community, and are taking their fair share in matters affecting the general weal of the commonwealth. Thus we find them on town councils, vestries, and other public bodies, and as privates or officers in rifle and artillery volunteer corps. One of the best known of our number, a former presidem of the Union, has recently retired from active service with the rank of major, and on Saturday, December $4^{\text {th }}$, his comrades marked their sense of the value of his services by pre senting him with a handsome tea-service and oaken tray. We cannot too strongly urge on the younger members of our profession the importance of their identifying themselves with the world outside their scheols, It is one of the stock arguments against the promotion of teachers to the inspectorate, as also against giving them the same standing as other professional men, that they are so narrow in their views and so little men of the world. Constant intercourse with immature minds has atendency to make a man take contracted views of life; all the more is it expedient that those who as teachers are constantly dealing with children should take every opportunity of counteracting this tendency, by mixing in any and every legitimate way with men of ether callings, and joining in the public movements of their time.

Ture urattun of Mr. James Russell Lowell [reprinted in our own columns] at the Harvard Celebration, says the Educational Times (London, Eng.), was worthy of the occasion that called it forth, and will rank among the masterpies.es of American oratory. Its calm and lofty eloyucnce, its graceful and pungent diction, are the fruits of a classical and literary education, and a culture loftier and deeper than that which stricll, utilturian theurics wuuld provide. Mr. l.uwell described a Ciniversits as "a place where nuthing use ful is taught," and, as might be capected, uttered some "eighty arguments in farvur of Classical studies. He said, speaking of the Greeks, " lf their language is dead, yet the literature it enshrines is crammed with life, as perhaps no other writing, except Shakespeare's, ever was or will be. It is as contemporary with to day as with the ears it first enraptured, for it appeals, not to the man of then or now, but to the enture round of human nature itself. Men are ephemeral or evanescent; but whatever page the authentic soul of man has touched with her immortalizing finger, no matter how long ago, is still young and fair as it was to the world's gray fathers. Oblivion looks in the face of the Grecian n:use only to forget her purpose." His description of what should be implied by the possession of a University degree, though perhaps somewhat overstated, contains a grand and lofty ideal., " Let it (Harvard) continue to give such a training as will fit the rich to be trusted with riches, and the poor to withstand the temptations of poverty. Give to history, give to political economy, the ample verge the times demand, but whth no detriment to those liberal arts which have formed open-minded men and good citizens in the past, nor have lost the skill to form them. Let it be our hope to make a gentleman of every youth who is put under our charge-not a conventional gentleman, but a man of culture, a man of intellectual resource, a man of public spirit, a man of refinement, with that good taste which is the conscience of the mund, and that conscience which is the good taste of the soul."

## Contemporary Thought.

A bill to pension Wall Whitman at the rate of $\$ 25$ per month has been favourably reported to Congress by the llouse Conmintee on Invalid Pensions. The report sets forth that the poet dedicated himself during the war to the unceasing care, as a volunteer nurse, of sick and wounded soldiers, his almost devotional ministrations heing well known to the citirens of Washington and of the nation. It includes many extracts from news. paper articles and interviews with well-known persons attesting Mr. Whitman's faithful service dur. ing the war and his present dependent condition.

Tue chief mischief which the George class of political cconomists is doing is in breaking down the honest pride and self-respect of the people, in leading them to grow into a belief that there is a way to obtain a living without working for it, and leading them insensibly into the conclusion that there is nothing so very dishonourable in eating bread that other men earn. This is sapping directly the manhood of the nation; this is imphanting in hearts of people a disregard for the rights of others which, if continued sor a litice while, would make of them Bashi-Bazouks or Bedouins. Just so soon as the disposition to try leaves a man it is a sign that the dry rot has struck him, and that henceforth he is going to be a burden to his friends.--Salt Lake City Tribune.
lord Dufferts has now been awo years in India. As his health is suffering under the pressure of hard work and an unfavourable climate, there is some talk of his speedy return to England, where, perhaps, in the field of politics he may be of even more use to the Empire than he is in the distant dependency. Meanwhile the press is dis. cussing the value of his services as an Indian administrator. It seems to be the general opinion that Lord Dufferin has been as skilful as a despot as he was as a constitutional ruler in Canada and as a diplomat at St. Petersburg or Constantinople: and it is declared that when he bids farewell to India he will leave behund him evidences of his genius in the shape of admunistration reforms and material imptovenents, by which among those who favour British rule he will ever be gratefully remembered. On his arrival in India Lord Duf. ferin at once set himself to work to deal with domestic questions. - The Times (Jondon, Eng.).

Lobis Imbslemen disliked his elevation, and it is a fact that he entered the House of Lords with sears in his eyes, but I believe that more than once last session he expressed his belief that he was physically the better for the change. He hesitated whether his title should ise Kennerly or Iddesleigh, but whimately chose the latter. It was not till nearly six months had elapsed that he took the trouble to have the armorial bearings on his carriage changed. Lord Iddesleigh was a man of deep religious convictions and of true piety. He invariably conducted family prayers at Pynes. Lord Iddeslecigh was proud of the name of Northcote, and he dearly loved Pynes, which is a grand old manor house of red brick, beautifully placed on a well-wooded hill which slopes to the river Exc. It contains some very fine pictures, of
which the best is a Pan Dyek, in the dining.room, and at the end of that apartment is a portrait of Lord Iddesteigh which was presented to him about ten years apo by the County of Devon. There is a splenuid library at P'yes. Lord Iddesteigh rend alie lessons at Upton Pyne Church, of which his third son, the Hon. and Rev. John Northeote. is rector, on the Sundiay before his death. The church was built in 1325 , and restored ahout ten years ago by Sir Stalfurd Northcote, who was lord of the manor and patron of the living.-Lomdon World.
Tus deterioration of the tone of the press is not confined, of course, to any one departmem of a journal which is once affected by it. Corruption in this ease, comes from the head, and the offences of the news columns are but the natural results of the weakness and inconsistencies of the editorial page in the place of the honest principte, strong conviction and sturdy purpose which once inspired the writings of leading journalists, we now find personal spites and jealousies, the meanest sort of political rancour, insincere and cowardly treatment of great question in which diverse interests are concerned, and a disgraceful willingness to sacrifice principle to profit. It is no longer possible to hope that this journatistic degradation is temporary or accidental. Every indication including the cowardly and dangerous treament of the labour question, points to a deliberate determina. tion to secure large circulation at all costs, eeen by pandering to the depravity of the lower and more numerous classes. Instead of attempting to set a higher standard of public taste, the newspapers have resolved to make what profits they can by lowering themselves to the level of the lowest taste that exists. The policy is as foolish as is is disgraceful. Circulation is not the measure of a newspaper's prosperity, as they will discover when tincy have alienated the support of intelligent and refined readers. The cultivated classes are now looking for newspapers which can be taken into their homes. - The Critic.

Tuere are two men in Count Tolstoi. He is a mystic and a realist at once. He is addicted to the practice of a pierism that, for all its undoubted sincerity, is none the less vague and sentimental; and on the other hand, he is the most acute and dispassionate of observers, the most profound and earnest student ot character and emotion. Both these Tolstois are represented in his novels. He has thought out the scheme of things for himself; his inserpretation, while deeply religious, is so largely and liberally human ; he is one of the just and the unjust alike, and he is no more angry with the wicked than he is unduly partial to the good. He asks but one thing of his men and womenthat they shall be natural ; yet it is not to be denied that he handles his hambugs and inposters with a kindness as cold and a magnanimity as equable as he displays in his treatment of their opposites. What, indecd, is apparent, is that his interest in humanity is inexhaustibie, and his understanding of it almost Shakespearean in its union of breadth with delicacy. Himself an aristocrat and an official, he is able to sympathize with the Russian peasant as complecely, and to express his sentiments as perfectly-as far, at all events, as the ant of fiction is concerned-2s he is to present the characters and give utterance to the ambitions
and the idiosyncrasies of the class to which he belongs, and may be assumed to have studied best. It is to be noted, however, that he elects to seek his material at one or other pole of society. He is equally at home with officers and privates, with diplomats and caspenters, with princes and ploughmen : but with the intermediary strata he is out of rafport, and he is careful to leave the task of presenting them to others. It is arguable (at least) that only in the highest ard lowest expressions of society is nature to be found in an unsophisticated state: and that Count Tolstoi, interested less in manners than in men, and studious above all of the elemental qualities of character, has done right to avoid the bourgeoisie, and attach himself to the consideration and the representation of two classes, the highest aud the lowest.-Saturday Reviex.

On the cower of /meperiat Federation is set forth the list of all the Colonies; and we wonder that any reader of that list should fail at once to ke: struck with the alsurdity of proposing a lederation of Great Britain with Cyprus, Labuan, Natal, Helogiland, St. Itelena, and. Fiji. The confederation must, of course, have a written constitution, strictly defining all rights, powers, and liabilities, otherwise there would be as many quarrels as there were calls upon any of its members for contritutions ot the performance of duties. To this constitution Great Kritain and Heligoland must be alike subject. To interpete it, and hear appeals against its infringement, there must be a tribunal like the Supreme Court of the United States, to the authority of which all the members of the confederacy, Great Britain as well as Heligoland, must submit. Let the Imperial Federationists try their hands at drafting such a constitution, and at devising such a tribunai. They will then, at all events, be brought face to face with the practical problems which they have undertaken to solve. Let them also consider how the constitution is in the first instance to be made. The free consent of all parties will, of course, be requisite; and this, apparently, can be obtained only by means ol a congress, in which each is fairly represented. In suci' a congress, if Heligoland or St. Helena has one representative, Canada ought to have a thousand, and Great Britain ought to have five or six thousind. That this project when brought down from the clouds and put to the test of practical discussion, will collapse, we regard as certain, and our only fear is that its catastrophe may be followed by a revulsion of feeling which would im. pair that moral bond between the Mother Country and the Colonies, which is imcomparable more valualbe than the political relation, and which, if not jeopardized by chimerical attempts to enforce political unity, may endure in increasing strengh for ever. Imperial Federationists should remember that as soon as they set to work they will call all the centrilugal as uell as the centripetal forece -all the jealousies and divergent inter:sts, as well as the desire of closer connection-into play, and that the result may possibly be not only $2 \mathrm{mis}-$ carriage, but a qua $\cdot \mathrm{rel}$. For India, the population of which quadruples that of the rest of the Empire. and to which, indeed, alone the name Empire can be propetly appled, no procision is made by the framers of these schemes. Is it to be governed as a mere dependency by a federation comprising Cyprus, Labuan, and Fiji ?-The Wicek.

## Notes and Comments.

Attention in direceed to an admirable article taken from the American Teacher (to be found on page goz of this issue) giving a general outline of the first year's work. Too many really good suggestions on this, perhaps the most important year in the school-life-time of a child, teachers who recognize its importance cannot receive. The writer's remarks deserve a careful and thoughtful perusal.

The principal of the Teeswater Public School, in his Januasy report says:Parents are requested to see that pupils attend to their home lessons; to examine the monthly reports carefully; to report any improper conduct of the children when on their way to or from school to the teachers; to visit the school occasionally; to send the chile'ren regularly and punctually, and to mooperate with the teachers for the intellectual as well the moral advancement of the children.

THE success achieved by the ladies at the recent B. A. Honours examinations in the University of London is worth noting. From the results just published, a special aptitude for language rather than for science must be inferred. In French four ladies have the first class to themselves, while male candidates are in the second and third classes. Five have obtained classical honours, one in the first class, three in the second, and one in the first place of the third. Three ladies have obtained honours in German, and one in the third class in mathematics.

THE photographing of persons in winter costume and of wiuter scenes has a tendency to give this country a bad name abroad. Just fancy the Dominion being represented in the Lord Mayor's pageant by a huge car containing an imitation iceberg, and imagine the impressions of our land which the casual observer would gather from this supposedly symbolical trophy. It must puzzle those who saw the Lord Mayor's procession to understand how a country whose chief product was ice, could make such a splendid agricultural exhibition at the Colinderies.-Halifax Crific.
preparations are at last completed for the Internatioual Catholic Scientific Congress at Paris in April. The committee have jeen labouring over the programme since 1885, being assisted by Catholic scholars throughout the world. The committee on organization includes the abbés De Broglie and Vigoroux, the geologist Arcelin and De l'Apparent the Egyptologist Derouge and the Orientalist Deharlez. The object of the congress is to survey the results of modern scientific research, and to attempt to show that there is no discord between the sruths of science and the doctrines of revelation as
held by the church. The lectures to be delivered before the congress include the subjects of matural theology, metaphysics, cosmology, paschology, politifal economy, social science, physiology, etc. No vote will be taken pledging the congress to any particular theory, ard the effect of the meet. ing will be a moral one as distinguished from an authoritative one. The proceedings are avaited with intense interest both within and beyond the limits of Catholicism. Several non-Catholic French scientific men propose to offer papers for consideration.

The Industrial Education Association (New York) of which Gen. Webb of the College of the City of New York is President and Miss Grace Dodge Vice-ri'resident, has taken possession of the old Union Theological Seminary Building, No. 9 University Place, remodelled the class rooms, and given an exbibition in its new quarters to the teachers in the public and private schools of the city, of what it has accomplished during the first two years of its existence. The chapul of the Seminary has been converted into a lecture-room capable of seating about 300 persons. A course of free lectures to teachers on industria! education and kindred subjects is to be given on Saturday mornings in the lecture-room; and the Association has also offered to the Board of Education to instruct without charge, during school hours a number of the pupils of the public schools who may be selected. The idea is to promote the spread of these methods in the public school system. The course of lectures was opened in January by President Gilman, of Johns Hopkins University.

Dr. McCosh would "be sorry to debar the child from 'Robinson Crusoc' or the 'Pilgrim's Progress;"" he would, " not prevent anyone from becoming acquainted with the character of Effie Deans or of Uncle Tom;" but he is opposed to a riotous indulgence in novel-reading. His attitude toward this form of pleasure-getting is not that of a prohibitionist, but of a highlicense man. He would let the victim of a passion for novels gratify his appetite now and then, but he would exact of him such a course of heavier reading as would effectually dampen his ardour in the perusal of fiction. "For every novel devoured," he advises in his recent work "Psychology: The Cogitative powers," "let there be eaten and digested several books of history or of biography, several books of voyages and fravels, several books of good theology, with at least a book or two of science or of philosophy." "Several books of good theology" as a necessary antidote to " Henry Esmond," or "Adam Rede," or "David Cop. perficld," or "The Vicar of Wakefield," or "The Scarlet Letter," or "Ivanhoc," or "Lorna Doone," or "A Chance Acquain-
tance." or "The Potratt of a Lady;" is growl. But who is to decide upon the quality of the theology? In theology, as in gastronomy, what is one man's meat is another man's poison.--" Lounger," in the Critic.
"Chicaco will be the place, and nex: July the time, of the next annual meeting of the National Educational Association. Already the president, Mr. William E. Sheldon, of Boston, has arranged the programme. All those whose names are mentioned below have agreed to come. On the first evening will be given the introductory addresses by Richard Edwards, superintendent of public instruction of Illinuis. After this. on the next and following days, will come a pro. gramme of six leading divisions. The first is "The Psychological and Pedagogical Value of Modern Methods of Elementary Culture," and President John Bascom, of the University of Wisconsin, will read a paper. Following this come four sub-heads, covering the four leading methods of elementary training. The order is:-"The Stc. eratic Element," by Prof. Thomas Davidson, of New Jersey; "The Objective Element," by John W. Dickinson, sec. retary of the Massachusetts board of education; "The Scientific Element," by F. Louis Soldan, principal of the normal school at St. Louis; "The Natural or Developing Element," by W. N. Halimann, a promineat worker in the kindergarten field. W. T, Harris, of Concord, Mass., will have the summing up of this theoretical part of the work. Then the same general head will be continued to "The Art and Method of Questioning Adapted to Ordinary School Work," followed by "For Test and Examination Exercises and for admission to University, College, and Higher School." Division $=$ is on "The Educational In. fluences and Results of the Ordinance of 1787." The third division is on the "Relation of the University, College and Higher Theological Schools to the Public System of Instruction." Next will betaken up "The means and the end of culture to be provided for the American people beyond the ordinary school period : (a) by evening schools; (b), by home study: (c), by evening schools; (d), by lyceums and o:her organizations." Division + takes up "The Place Manual Training Schools Occupy in a System of Public Schools: (a) In urban communities (b) It: country districts. (c) Kinds of schools to be introduced and practical methods of instruction." Some of the best known speakers in the country will take up this theme. The sixth and last division is headed:-"What Can be Done by Educators to Enlighten and Arouse the People and Excite Public Sentiment In Favour of Education? (a) How to spread information regarding the true purposes and methods of school education. (b) How to help the people to discriminate clearly between good and bad teaching. (c) How to awaken an interest and to create a demand for professionally trained and good teachers, and for such only."

## Literature and Science.

## AMENICAN POETS.

LIKE all modern versifiery, American poets of the cultured school ure characterized by scholarly refinement of thought, command of dainty fancies, and mastery of the technicalities of their art. As the special birthright of their nation, they possess fluency of language, genius for effective illustrations, and power of condensing thought into portable epigrammatic shape. Their native nimbleness of mind emables them to approach their subject from many different points of view, each of which suggests a profusion of novel associations. It is this power that imparts to their verse the charm of freshness. There poetry has the trans parent brilliancy, the sparkie, and the sharp outline of cut glass. But it is vitreous, not opaline. There is littie depth of light and shade, no flesh-tints, no broad, massive effects of coiour. This class of American poetry, as the abundance of the crop seems to indicate, is the fruit of extreme culture. The soil in which it grows is never rank, of course, but neither is it deep or rich. There is not the gusto and relish of life among cultivated Americans which seem to belong to master-minds. The climate has sharpened the mental perceptions, but dried up the marrow and the juice. The intellect preponderates over all that is emotional and spontaneous; the critical and discerning elements overpower the passionate and fervid. Refinement seems to rob the literary character of its bone and sinew, and culture to bleach its flowers of their colour. And, after all, the grace of strength transcends all other grace. Touches of anything gross and strong are rare : the dauntlessness of Nature seems exhausteli; the:e is litule that is grand-heasted, tumultuous, and selfforgetful.
On the other hand, and in these days it is a most legitimate source of pride, nothing is more remarkable than the consistent purity of the moral tone, and the unfailing delicacy of feeling. There are few, if any, lines in the whole range of this class of American poetry that a dying poet need wish to blot. From first to last, there are no insidious suggestions.
The democratic school of poets, with all their glaring faults, recognize that dainty perfection of expression is no substitute for stimulating thought; and that subtle analy. ses of their lighter emotions or deft-fingered sketches of society may display ingenuity or fancy, but afford no occasion for the exercise of creative force or imaginative power. Whitman has failed to revolutionize poctry. Rhyme and metre will endure so long as the songs of men or birds; Art will outlive the longest life. But the future is, we believe,
in other respects with him and his school. He illustrates, as often by failure as by success, what are the true needs of modern poetry. Power, and force, and freedom, confer an immortality which no culture can aecure. Behind the poetry there tnust be a living personality, a nature, coarse-fibred perhaps, but stiong, deep, and vehement. Modern poetry, again, must be full of human interest. The cultivated poets of America have carried description to the highest pitch of perfection, perhaps because it affords the readiest escape from the crudities of their material civilization. But pictures of Nature, however exquisite, are comparatively valueless, unless they form the backgrounds for human action. The living figures are $t 00$ often absent. It is in this field of human life and character that American novelists have reaped abundant harvest. There is yet room for her pocts. The dramatic element is streng in Bret Harte, and, though Whitman draws types rather than individuals, his poetry is thronged with the concrete realities of life. Lastly, the fuiure position of poetry inust largely depend on her attitude to modern science. Legends, and myths, and romance, seem desuned to disuppear: but in their place are revealed unsuspected expanses of knowledge, and unbounded vistas opened to the imagination. Herc again Whitman has proved a worthy pioneer. In many striking passages he has anticipated and assimilated the latest results of scientific enquiry.

To conjecture the future of poetry, whether in the Old or the New World, would be a fond and foolish task. Mr. Steadman considers that inan; causes combine at the present moment to check its growth in America. Among the principal causes of impaired vitality, and of the blight which destroys the promtsed fruit, this acute and fair-minded critic includes the Law of Copyright. The following paragraph, with which we conclude our survey of American poetry, is taken from his remarks upon this important subject :-
"All classes of literary workmen still endure the disadvantage of a market drugged with stolen goods. Shameless as is our legal plundering of foreign autho:s, our blood is most stirred by the consequent injury to home literature,-by the wrongs, the poverty, the discouragement to which the foes of International Copyright subject our own writers."-Quarterly Reviezu.

## THE RIGHT BOOKS TO READ.

THE poet Southey defines the right books to read in a style that recommends itself. He says:-"Young readers, you whose hearts are open, whose understandings are not yet hardened, and whose feelings are neither exhausted nor encrusted with the
world, take from me a better rule than any professors of criticism will teach you. Would you know whether the tendency of a book is good or evil, examine in what state of mind you lay it down. Has it induced you to suspect that what you have been accustomed to think unlawiul may after alf be innocent, and that that may be harmless which you have hitherto blen taught to think dangerous? Has it tended to make you dissatisfied and impatient under the control of others, and disposed you to relax in that self-government without which both the Jaws of God and man tell us there can be no virtue, and consequently no happiness? Has it attempted to abate your admiration and -everence for what is great and good, and to diminish in you a love of your country and of your fellow-creatures? Has it addressed itself to your pride, your vanity, your selfishness, or any of your evil propensities? Has it defiled the imagination with what is loathsome, and shocked the heart with what is monstrous? Has it distracted the sense of right and wrong which the Creator has implanted in the human soul? If so-if you have felt that such were the effects it was intended to produce-throw the bookinto the fire, whatever name it may bear upon the title-page. Throw it into the fire, young man, though it should have been the gift of a friend; young lady, away with the whole set, though it should be the prominent furniture in the rosewood bookcase."

AN attempt to infuse new vigour into the degenerating potato by crossing the cultivated varieties with the wild plant, has been for two or tince seasons in progress at Reading, England, and has proved very successful thus far. The hybrid plants produce a good yield of tubers of excellent form and quality.

THE possibility of changing one metal into another seems to be still an open question, and chemistry may yet accomplish the oftridiculed purpose of the old alchemists. A spectroscopic study of the sun has given Prof. J. N. Lockyer, the English astron: omer, reazon for believing that the substances now regarded as elementary are really compound; while Prof. Wm. Crookes, probably as able a physicist as any living, finds that the observed phenomena of chemistry and phyaics point very strongly to the conclusion that all the so-called elements are but variations of a single form of matter which he terms "protyle." Prof. Crookes agrees with Faraday that, "to decompose the metals, then to reform them, to change them from one to another, and to realize the once absurd notion of transmutation, are the problems now given to the chemist for solution."

## Educational Opinion.

## HAND.TRAINING VERSUS I.AN. GUAGE-LEARNING.

Tile Cornmissioners on Technical Instruc. tion, in their interesting report on technical education, have given endless cascis showing the great importance of technical instruction, and I can not help thinking that much more technical education might be introduced even into elementary schools. Something of the kind, indeed, is done in the case of girls by the instruction in needlework and cookery, which latter, I am happy to see, is showing satisfactory results. Why should not something of the same kind be done in the case of boys? There are some, indeed, who seem to think that our educational system is as good as possible, and that the only remaining points of importance are the number of uchools and scholars, the questions of fees, the relation of voluntary and board schools, etc. "No doubt," says itr. Symonds, in his "Sketches in Italy and Greece," "ihere are many who think that when we not only advocate education but discuss the best system, we are simply beating the air ; that our population is as happy and cultivated as can be, and that no substantial advance is really possible. Mr. Galton, however, has expressed the opinion, and most of those who have written on the social condition of Athens seem to agree with him, ti at the population of Athens, taken as a whole, was as superior to us as we are to Australian savages."
That there is some truth in this probably no student of Greek history will deny. Why, then, should this be so ? I cannot but think that our system of education is partly responsible.
Technical teaching need not in any way interfere with instruction in other subjects. Though so much has been said about the importance of science and the value of technical instruction, or of hand-training, as I should prefer to call it, it is unfortunately true that in our system of education, from the bighest school downward, both of them are sadly neglected, and the study of language reigns supreme.

This is no new complaint. Ascham, in The Schoolmaster long ago lamented it; and Milton, in his letter to Mr. Samuel Hartlib, complained "That our children are forced to stick unreasonably in these grammatick flats and shallows;" and observes that, "though a linguist should pride himself to have all the tongues Babel cleft the world into, yet, if he have not studied the solid things in them as well as the words and lexicons, he were nothing so much to be esteemeda learned man as any yeoman or tradesman competently wise in his mother dialect only;" and Locke said that "schools fit us for the university rather than for the
world." Commission after commission, committee after committee, have reiterated the same compiaint.-From ": ..ntual Instruction," by Sir Join I.abbock.

## THE HEALTH OF SCHOOL GIRLS.

Tuar very valuable body, the Association of Collegiate Alumnx, has just undertaken a systematic investigation into one of the most important questions that can possibly interest the community-the physianl condition of school girls between twelve and eighteen. These ages are selected, no douht, because after eighteen thesestudents may be regarded as women, while under tivelve the problem of their physical condition is indistinguisha. ble from that of boys. But the welfare of the race, the motherhood of the coming gen. eration, depends on the judicious manage. ment of school girls between the ages here specified. The investigation of the Alumnae Association is in charge of the daughter of an eminent Boston physician, and is preceded by a circular, calling attention to the following specific evils existing among school girls: -(1) Social dissipation and excitement ; ( 2 ) the misuse of vacations; (3) habitual loss of sufficient and healthy sleep ; (4) irregularity and haste in taking food, the omission of breakfast, and the use of a stimulating, or innutritious diet; ( 5 ) tight, heavy, or insufficient clothing ; (6) lack of proper exercise ; (7) unsanitary condition of the home or schoolroom; (8) the omission of instruction in sanitation and hygienc; (9) the ambition of parents and daughters to accomplish much in little time. This is supplemented by a circular to be filled outt by teachers or parents covering $2+$ questions, with columns ruled for five successive years of school lite. The record thus kept will be of the greatest value for the parents or teachers themselves, and will furnish to the society that broad basis of cefinite facts without which no really scientific inferenc:s can be drawn. Copies of these documerts may be nbtained of the secretary of the Association, Miss Marion Talbot, 66 Marlborough St., Boston, Mass.
Even this preliminary circular mentions facts enough to arrest attention. "It is the testimony of mauy educators that the school is a hospital for twe or three weeks after the holidays"-thus showing that vacation, which should be a source of health, is often utterly misused. In a New York academy, a class of sixty girls, between twelve and eighteen, were asked by a visitor what time they went to bed the night before. The average was found to be twenty minutes before midnight, and yet neither teachers nor pupils seemed astonished. Again, out of ninety girls questioned one morning in a public school, twelve had eaten no breakfast. Of these, only six had brought luncheon; and these had cake and pie. One mother explained that her daughter enjoyed her
morning nap, and thought that a good strong cup $0^{f}$ tea braced her up sufficiently for school Such facts show the real source of much nervousness and ill-health that are conveniently attributed to the lessons learned. They also prove the need of scientific inves. tigation, and the possible influence of sensible women in the supervision of our schools. T. W. Higginsun, in Harper's Basar.

THE OUTLOOK FOR THE BOY.
THE OPTIMSTIC VIEN OF HIS OPPORTUNITIES TO-DAY.

## (From the Shive and Leather Reporter, Dec.23.)

Tuss is a good age to be born in; the infant of to-day whose life is prolonged to the allotted term will see more wonders than any of his predecessors have seen, and if the world continues to progress as fast as it has been progressing during the past 70 years the opportunities will lie before him of a fortunate career. He will be in a larger sphere and under greater responsibilities, but the more that is required of him the stronger will be his power of achevement. Men always rise to the occasion. If any work is to be accomplished, somebody is sure to come forward and take it in hand. No matter how arduous the undertaking if it is within the scope of human prowess its cow. pletion will not be suffered to fail. It may be hindered, thwarted, misdirected, bui in the end it will be successful. Rivality is the powerful motor by which great enterprises are impelled, and the zeal with which men are competing with others for the foremost places in the domain of industry and of art makes the contest for superiority intensely exciting. Everybody wants to be in it; to stay out is to be lost sight of. And so year by year multitudes of new aspirants are enter. ing the lists; the strife for position is increasing, and the results of the honourable emulation are exceedingly beneficial.
the pessimistic view.
(From the Chivistian Union, Dic. 23.)
Taking all in all, the lot of a boy thrown entirely upon his own resources in this city [New York] is little less than hopeless. Even if permitted to live at home, the boy who is forced to go upon the streets or into the factorits before he has strength or education to do good work is probably doomed to remain an unskilled workman all his life. Every year manufacturing is carried on upon a larger and larger scale, and the division of labour is becoming greater and greater. As a result of this not only does the gulf between capitalist and labourer widen, but there widens with it a gulf between skilled labour and unskilled. The boy who goes into the factory ind does not learn the business, cannot lay up capital. The time was when the boy who went in at the bottom could come out at the top. Is this possible in New York city to day?

## Methods and Illustrations

## EXENCISES /N ENGLISH

- Combine the elements in each number so as io form a single seritence:-

1. My quarters were in the town. In was an open quadrangular space. It was about eighty jards bquare. It was enclosed upon all sides. The exception was that it had a narrow entrance to the main street.
2. There was a poor little house of refresh. ment. It stood beside our spreading haw. A withered old woman came out of it. She 1 ffreshed us with clear spring water. She relreshed our guides and friends with some bitter berries of the mountain. Our guides and friends admitted these were unpleasant to the taste. They said they were very good for the blood.
3. An old white headed Arab came to me. He was of my caravan. He came at this moment. He knell down. He stroked my head. He used his dirty hands. He implored pardon for the offenders.
4. It was carly in the morning. All the dogs of the village were collected together. A number of hunters came. They were from other villages. They had brought their dogs.
5. The palaver was settled. This was to the great joy ol everybody. 1 must leave to hunt with the dogs. The people said this. Antelopes had been seen. They had been seen or the neighbouring plantations.
6. The party was seady. We sei out for a plantation. This was not far from a river or creek. It ran near the village. Antelopes were quite plentiful there.
7. 1 came soon to a cluster of these mush-ruom-hived buildings. I felled one of these structures. I gave one blow of the axe. I found that the base of the pillar rested only slightiy on the ground. It left a circular hollow foundation. In the middle is a ball of earth. This ball is full of cells. It enters the centre of the base of the pillar. These lower cells are eagerly defended by a multitude of the soldier class ot ants. I supposed at first these ants to be moles. All were striving to bite the intruder with their pincerlake jaws.
8. She took from the counter all his dinner. This was composed of soup, potatoss, meat, and podding. She piled it up dexterously in her two hands. Sne set it before him. She took his ticket.
9. I thought of my past work. I went all alone into the lorest. I was tired of the noise of the people. I wanted to reflect seriously upon iny luture movements.
10. They were bent upon vengeance. They leaped on board their ralts. They tracked the alligator. It sumeumes came up to breathe. It was then mangling its
victim's remains. They killed it. They gave !oud shouts of exultation.
11. I recognized my old triend speak. He sas about a hundred yards distant from me. I took off my cap. I gave a welcome "hurrah." I ran towards him. My heart was beating with joy.
12. We dined on the river-bank. It was a little before surset. The mosquitocs be. gan to persecute us. We crossed the river. We went to a sand bank. The sand bank was about three mites distant. Here we stretched oursclves around a large fire. We beguiled the time with conversation.
13. This good sportsman was a l'russian nobleman. He was accompanied by two European altendants. They amused them. selves in various ways. They collected objects of natural bistory. They shot wild geese and antelopes in the neighbourhood.
14. The grave had been well cared for. The kind hands of missionaries had cared for it. It was protected by thorn bushes. These were laid around it. The mission has now fallen into unholy hands. I fear it will be neglected.
15. They drive a lance into a vein in the neck of the animal. They bleed the animal copiously. This operation is repeated abou: once a month.
16. The natives have a violent poison. It is the produce of the root of a tree. The root yiulds a resin. The resin is smeared unon the head of the arrow.
17. The pigment is made of a peculiar kind of clay. The clay is rich in oxide of iron. The people burn the oxide. They reduce it to powder. They form it into lumps. The lumps are like pieces of soap.
A. M. B.

## CHILDREN'S FIRST YEAN゙S WORK:

Imacine before us a class of little people just entering upon a new experience,-their first year of school. The first day finds before us a class of twenty new pupils, all on the alert to see every movement of teacher and pupils. Now what shall we do? The first thing after forming our class is to get acquainted with the children, and we know of no better way to accomplish this than to hold a hule "soctable"; talk lreely with the children, and get them to do the same with you. Have the children feel at once that this is hume to them.

Right here is also a good chance to introduce your name, if you do not want to be called "teacher" during your stay with them. We make this emphatic, for we find this error so prevaleat in many of uur schools. At the beginning of the year, while talking with our class, we ask how many knew our name. A number of hands rais.d. We called on several to tell us. The majori.y thoughs it Tcacher; some did not know. Perseverance obviated this dificulty, and
"teacher" has become almost uniknown in our schoolroom.

One recitation hour has crosed. We send the class to their seats, giving them some busy work which we have previously prepared. In the afternoon we have another social talk in the form of language-work; for example, " Nonie, what did you see on your way to school?" What a benefit to us, as teachers, if we could all feel as Supt. Raab once said, that education means "to lose time, not to gain it."

A day of the new experience passed. The little ones, upon reaching home, are interrogated as to how much they have learned to read and werifc. Because of the fact that the children can do neither, we are set down in the minds of a few as not being competent to fill our place. However, we are not discouraged, for something has been gained for us that is worth more than the reading and writing. We will thus piod on, keeping in mind the thought that "true growth is slow growth."
The second day finds us entering more upon the realities of the schoolroom. We must start with a foundation well grounded. Let us note a few points in this foundation, First, we must gain attention; second do something; third, have class tell what was done; fourth, have class do the same; fifth. give name to what was done; sixth, class repeat name; seventh, practice and correc$t^{\text {ions. }}$

The first recitation hour finds each member of the class supplied with a primer which the thoughtful parents have provided. Must we use these l-noks? We say no.. A book is not the first thing to be put into the child's hands. What the children need is a preparatory drill which will teach them to sec, to hear, and to speak properly.

We must be supplied with numerous objects and pictures to correspond, so as to teach the children to distingutsh between object and picture. After presenting the written word, a good deal of time must be spent in the study of $i t$, as to the number oi letters composing it, and the sounds of the letters. Action-words, forresponding to the name-words, should be given very soon. The slates should be ruled immediately, and words written on the board should be on ruled lines corresponding to those on the slates.

After a fair list of names and action-words can be recognized quickly, we would present tl:e chart. The first half of the year should find the childreñ started in the First Reader, and by the close of the year it should be nearly completed, if not quite. They should not only be able to read in the Reader, but should be able to do some sight-reading from other liirst Readers and from litile papers, such as "Vale's Easy Lines." It
must be understood that the children can now write anything that they can read. Too much stress cannot be pui upon the use of capitals and punctuation marks. The singular and plural torms of nouns, and the apostrophe, should have a due amcunt of attertion.

For language-lessons, objects with which children are already familiar furnish abundant materials. Provide objects which will excite the interest of the class. Keep the object from sight until time to use it. Two or three talks on familiar objects may be followed by picture lessons on domestic animals, or a lesson or two on sounds made by different animals. We have found lessons in colour, on the Luman body, and also on leaves of different trees, to be very interesting.

In number-work great caution is needed not to advance too rapidly. For the first three or four months deal entirely with number until the children are thoroughly im. mersed in is. If this work is well done, the introduction of figures will be much more rapid. In introducing figures, insist, as far as you can, upon the making of good ones.

If we are able to teach all about number and figure through ten, we think we have accomplishes a good year's work. i vast amount of practice is needed to secure correct and rapid work.

It is difficult to conceive of any human occupation in which a knowledge of drawing would not be beneficial. As a study it discip. lines the mind; it leads the child to observe objects nore closely, as to their size and shape; it also creates a love for the beautifiul.

A love for drawing is a marked characteristic of almest every child. How often wee see children spending their time with slate and pencil, and taking great delight in their rude pictures. While this is true, ought it not to be an incentive for the teacher to try (1) develop in her pupils a love for something better ?

Should drawing be taught in the first yeat's work? Without doubt it should. Just how far this subject can be carried depends largely on the size of the school and the facilities fus work. The children should be taught, at least, in form, such as the making of pictures from bits of coloured cardboard or coloured sticks. Clay-moulding is one of the most excellent means by which the idea of form can be developed in the child.

The children should be taught to use pencil and crayon readily. In all lessons where pictures occur the children should be encouraged to try to draw from them. To quite an extent drawing from objects can be carried out, also simple dictation exercises.

We have now tried to give a general out. line for the first year's work. I'his cannot be accomplished without great diligence on
the part of the teacher. It must be " line upon line, precept upon precept; here a litle and there a little."- /sabella L. Gramt, in The Americath Teacher.

## GENERAL LESSONS ON COMMON' OLJECTS.

In a previous article it was held that general lessons are not upon subjects dis. tinct from the cominon branches ; but that they were involved in the regular studies, and were, therefore, supplementary to them.

At this time it is the intention to speak of that kind of general tesson wi.ich has for its subject a contmon object.

The chief aim of these lessons is to culti. wate in the child the habit of accurate observation. The importance of this habit, while admitted by almost all theorelically, is in many cases, practically not admitted. Accuracy in observation is the only sure basts for accuracy in the higher processes of thought. Of all the errors that arise in the affairs of life, the great majority arise from want of care and exuctness in observing things that are quite noticeable.

An indirect aim of these lessons is a training to accuracy of expre ion both til language and drawing, for the tongue and the hand will both feel the influence of accuracy in thought. Everett says in his Science of Thought that it is the nature of thought to eapress itself. It is, consequently, the nature of accurate thought to express itself accurately. These ler, ins on common objects should excite a spirit of ingury and expersment, and an intelligent interest in the production of the object, as well as a sympa. thy. with the workers who produced it, or work with it. These iessons also form the true basis to the more systematic lessons on science; or if no systematic work is to be given on science, lessons on common objects constitute a very good subslitute.

The mistakes of the inexperienced teacher in these lessons are, usually :-

1. An attempt to do too much in one lesson.
2. Too much of an effort to secure certain formal expressiuns, as, "Glass is hard, brittle, ard transparent" The great aim of the lesson seems to be to lead the children to utter the sentence, and the effort is made in disregard of the thought expressed by Everett,- Hat, "thought tends to express itself." If this is true, when the children are unable to give any desired expression, the attention should be turned more strongly to the thought. This having been made clear, the exprecsion, to a large degree, takes care of itself. .
3. Too much attention to unimportant qualities, to the cemparative neglect of essential qualities.
4. The selection of objects of which but few specimens can be oblained. It is tesir.
able that each child should be supplied with a specimen, or that the object should be large enoush to be seen by every member of the class, in order the: each pupil may examsine and discriminate for himsedf.

In a lesson on coal the apparatus would be, enough pieces of coal (partly wrapped in paper to allow of handling) to supply each member of the class.

The first ste $\phi$ would be to lead the children to discover those qualities that may be obtained through sight. This would give points concerning its colour and the various forms in which it is tound. By direct inspection its colour-black-could be ob. tained, and indirectly (by comparison wath slate and coke), that it is usually shoxing. B; comparison with cube, cylinder, and other resular forms the thought could be awakened that coal is irregralar in form. This would, in addition to the training and the ideas gained, idd to the child's vocabu. lary the words black, shinink, and irregselar.

The ucxt step would be to test the object bs the sense of touch and the muscular sense. Through these would come to the mind ideas of its smoothoness, horrintess and brittleness. With these ideas in mind the pupils could be led to clasily other objects in re. spect to these qualities.

As a thisid stcp, certain qualities could be obtained through experincent, or by having them recall their experiente as to how 11 burns when first put upon the fire, and how it buras after a little time has elapsed. In this way the distinction between the tdeas expressed by inflammable and combustible, would be made clear, and they could determine whether coal is both. An exercise could then be taken in classifying such things as paper, gas, oil, coke, wood, by these ideas.

An object-lesson on coal is the basis to a series of oral language-lessons on the manufacture of coke and gas; use of coal ; formation of coal; a coal mine; the equipments of the miner; the mines of his own neigbourhood; combustion, etc.-.Indiana School Journal.

## SHORT STORIES FOR KEPRODUC. TION.

NOTED PEOPLE IN UISGUISE.
(HuEst skerches ma; be read and the members of the school allowed to guess the characters personated.) Afterwards the story should be reproduced in writing.

## 1.

My father was a king, and very soon after I was born, I was declared the heir of his throne, though 1 was a girl and had an older sister. But my fortune changed when I was three years old; my father had my mother put to death, and a younger brother was made heir to the inrone. I was given a good
(Cowtinued on page 000 .)

## TORNTO:

THURSDAY, FEBRUARY $17,1887$.

## UNIIERSITY FEDENATION:

We publish this week a lette smon Mr. R. W. Shannon, of Kingston, in which objections are taken to the position laid down in our cditorial reference to the - sestion of University Consolidation in our issue of January Gth. We would desire to refer to Mr. Shamnon's position in general without going through all his statements-a course quite unnecessary, at any rate, to an understanding of our view upon the subject in the aspect which it at present assumes.

Our opinion is not founded upon any principle of "centralization," but rather upon the conviction that the question of University government in this Province ought to be dealt with apart from any considerations of particular local interests of any kind. We think that the great ques. tion our Government and legishature have to consider is, Are ve to have in the Province of Ontario a university which will afford our young men an education such as now too often they think it neces. sary to seek abroad? And we think it the duty of the Province, through its legislators, to see that such a university is maintained, if possible. The practical question, then, resolves itself into this: How is the attainment and maintenance of such a university possible?
We repeat that the scheme most in ac. cord with public opinion has long been that of a strong union of our various educational forces, such as was some years ago proposed, and in the first negotiations for the accomplishment of which we understand Queen's was represented. At that time the position of Queen's upon 'the juestion was not known; and it was some time before her representatives withdrew from the conference and adopted the position now maintained by them. Victoria still adhered to the scheme, and is now practically part of a confederation scheme to which Government sanction only is yetreguired. Queen'srecognizesthis as a strong confederated institution, but claims that in any scheme of material Government support, she ought not to be ignored.

The University of Toronto was established as a State institution, and at the tume of its establishment its endowment and equipment were equal to its needs.

It has outgrown its then condition, and has outgrown its endowment. If it is not furnished with the assistance necessary to the satisfactory accomplishment of its work under the altered circumstances, the objects of its foundation will not be achieved. It is now strengthened by a union with at, !nstitution which was not formerly recognized as having a claim to State recognition; and it has thus also strengthened its own position as a State institution, entiled to State support.

Our reason for maintaining that the irst duty of our Ginvernment is to provide the Provincial University with an endowment commensurate with the university needs of the l'rovince, is that we think its first duty is to consider whether such a university is not a necessity? We do not belicue that Ontario can at present maintain two first-class universities. If it could, we should be glad to see Queen's the other. If it cannot, surely the Provincial U'niversity has a prior claim. We wish no injustice to Queen's; we only desire justice to Provincial education.

Supporters of Queen's are fond of ctiting Scotland as a precedent. The parallel is a false one. Scotland's lack of population was compensated for by a superiority in wealth. And it is not so much population as weath that is necessary in the establishment and maintenance of a university system.

If we wished to attack Mr. Shamon's statements, in particularity, we mipiat iake issue with him upon tise genera? standing of Queen's, not in the value of its work, but in its charactet as a denominational institution. The exponents of the claims of Queen's have told us repentediy that it is not denominational. Either it is, or it is not. If it is not, we venture to say that nuch, if not :must, of the money ob. tained towards its endowment has been obtained under false pretences. We know that in many parts of the Province the funds collected in past years from the Presbyterians who have so largely and generously contributed, have been given on the representation and understanding that the contribution was for the benefit of a Presbyterian institution; and the members of that church, particularly in the west, where no local interests goivern, are surpised to know that it is now maintained that such was not, and is not, the case.

But our view is a broader one than any such as this. However valuable the work
of Quen's may be, denominational or otherwise, unless the Province can afford two first-class universities, it ought to he at least seen to that one is provided if possible. We still think that our position was a sound one, as it was implied in the tho questions contained in the editorial to which Mr. Shannon refess. "Can Ontario support more than one first-clans university? If not, is it not the duty of the Province to see that one is prope:ly cguipped?"

In the speech from the throne delivered at the opening of the present session of the new Provincial Parliament, the following sigmficant paragraph appears:-
"For several years there has been tuth discussion as to the best means of promoting the higher education of the people. particularly in the department occupied by the universities of the Province; and it is gratifying to observe, that, notwithstanding some differences of opinion as to the methods of attaining this end, there is no such difference as to the Guty of plac. ing within the reach of every citizen, who may wish to avail himself of ats accilities, a course of university education equal to that furnished by the best universities of Euroje or the United States, A bill having this object in view will be laid before you."

This seems to promise that the whole question of university education in this Province is at last to receive due attentuon at the hands of those who have sontrol of the provincial exchequer.

## REVIEIVS .AND NOTIC.ES OF BOORS.

Presumption of Biaius. By A. P. Marhle, Supt. of Schoois, Worcester, Mass.
This is a reptint in pamphlet form of a paper read before the lavt meeting of the Maseachuselts Teachers' issuciation. The gist of the essay will be understood from the following paragraphs taken from pp. 9, $20:-$
." In these dajs most children are thought to loe too fecble to go to school in a storm. Instead of the little red school-house on the hill, they have palaces of pressed brick, with furnaces, double windows, and polished desks ; and when it rains the storm signal stops the schonl. We do not recognize the prubability of physical hardihood: and we do too ${ }^{\prime}$ te to develop at.
" No more do we recognize intellectual vigour, -brains, - in the child; and many of the recent methods of teaching do not stimulate the growth of mental fibse. To begin with, the kindergarten is an attempt to systematize play, and by a species of legerdemain to get from play the disciphene of work. But play, useful and necessary as it is, is spontaneous activity ; and it ceases to be play when reduced to a system. The child
needs work, easy to be sure, but work. Is there not ground for the suspicion that a child, left alone to play with his father's loots for horses, a chair for a carriage, and a btring for the lines, has developed greater mental activity and power in the excicise of a cor-riuctive imagination, than he woukd acquire in the same time in the kinilergar. ten with the selentific teaching and the succession of 'gilts'?
"Next object teaching comes in and entertains the child through the senses: as if the senses were all-important, and the brain non-exiztent, or not to lee disturbed. But the sense perceptions predom. inate in the child ; his whole lif: before coming to school is made tup of them. It is not these that need stimulating, so much as the mental activity to which they ought to lead. The objective method is good, even Indispensalite, in clue pros. portuon ; but the tendency is to so emphasize it as to neglect the brain which most needs and has less of the training. Continued beyond the proper point, it clips the wings of the imagination and stunts the inental growth.
" When we come to reading, the methends are simplified to the last homeopathic dilution. The simplest word is illustrated by a pucture of the most familiar object-a cat; and from this we advance byimperceptible gradations, interminabl; This elementary process is good for a start ; but it should be dropped very early-as soon as the child eatches the notion of what reading is. There is a presumption that the child has brains, and that he ean soon see through so simple a process."

Prof. T. iV. Hunt will issue through A. C. Armstrong is Son, a trentise on "English Prose and Próse-Writers."

A $\mathbf{1} k \mathrm{me}$ of $\$ 25.0$ is of d by Messrs. Cassell \& Co., limited, to readers of "Cassell's Family Magazine" for the best practical paper on "The Domestic Service Difficulty in America, with suggestions for its solution.
D. C. IEAT: © Co. announce for immediate publication "A Synopsis of the Niature and Efferts of Alcohol and Narcotics," by L. H. Lu:c, M. D., who in the course of twenty gears' practice, has given a great deal of time and attention to this subject.

Harler \& Bros. have in preparation an "Introduction to Psychological Theory," by Borden P. Bowne, Yrofessor of Philosophy in lioston University, and "Charles Reade : a Memoir," edited by the liev. Compton Reade and Charles Latton Keade, a work which will be looked formard to with great interest by all readers of good English novels.

Prof. G. Sitanley Hali, of Johns Hopkins, is to edit a new quarterly, The Anerican fournal of I'sychoiosy, to be published by the University. Dr. Kichard T. Ely, also of Johns Mopkins, calls attention to a history of "Couperation in New England," to the published to-day by the dmerican Eiconomic Assuciation, of which he is Secr-tary. It is written by Dr. Edw.rad W. Bemis.
D. Aprleton \& Co, publish a work on "The Geographical and Gcological Distribution of Animals, by Prof. A. Heilprin, which form vol. 57 of the International Scientific Series; "Creation or Evolution," a philosophical inquiry intu the modern doctrine of animal evolution with special
reference to the theories of Darwin and Spencer, by George Ticknor Curtis; "The l'oison I'roblem, or the Cause and Cure of Intemperance," hy Dr. Felix L. Oswald.

A correstondentr who signe himedf " 1. ." writes thus to the Critic.-" I wish to enter a protest ggainst your assertion that chikden at the present daj cannot be got to read "The liments' dssistant,' and loooks of that type. If they do not reat them, it is the tault of their parentt, who demoralize them bs providing them with dia mote sensational child's literature of the present day. My boy of seven has had as much enjoyment in Frank and the Rollo looke as $t$ had nt his age: and if I have not real him 'The l'arents' Assistant,' it is hecanse I have not known were to find a cops:"

Mk. Joarguis Mit.t.ent has just appeared as the head of a department in the California magazine, the Gohlen Era. Ite sigs thercin:-"These two things I shall try in an unohitrusive way to teach : The love of the leautiful world about us and the love of man. For all things are beautiful, and all men are good. The fault is so often in ourselves if we do not see the beauty and the gond that it is best to accept looth and believe looth ; best for all." Mr. Miller concludes his meditations with this bit of verse :-
"Aje, the world is a better world to-day!
And a great good mother this earth of ours: Her white to morrows are a white statrway To lead us up to the star lit flowers -
The spiral to morrows that one by one
We climb and we climb in the face of the sun.

- Aje, the world is a braver world to ciay :

For many a hero will bear with wrong- -
Wist laugh at wrong, will turnaway:
Will whistle it duwn the wind with a songWill slay the wrong with his splendid scorn: The bravest hero that ever was born!"
Fuxk \& Wacisalts announce for carly pulili. cation the life of Rev. Geo. C. Haddock, who was murdered in Sioux City, Iowa, by a foreman of the largest brewery in the city, in consequence of his persistent and uncompromiving enmity to the saloon power of the neighbourhood. He was a man of tine appearance, of warm heart a. • brighs intellect, who used his great talents as a preacher in a determined fight to make the lifuor men obey the laws of the Siate, and more than a seore of these planned to get him out of their way. Ten of these guilty men are under arrest. This life has been written by his son, Frank C. Haddock, a promising young lawyer, and it is hoped the sale of the book will be of hefp to the mardered man's family, who need it sorely. Many of the murdered man's reasons and argaments are given by his sonand the book promises tu be of great interest to all concerned in the temperance question, which is becoming one of the most important social proll. lems of the hour.
Julias IIAwrionse says of E.l'. Roe's " lle Fell in I.ove with Ilis Wife":--"Mr. Ko. , being a favourite with so many readers, must have a great deal of human nature in him-and a good sort of human nature, too. And the perusal of his latest novel contirms me in this belief. It is easy to understand why a great many people should like it ; and it is difficult ${ }^{0}$ understand why anybody should not. For, although it is not a dis. tinctively literary performance-although the :uthor evidently cared more what he should say
than how the should say it-yel, even on this side, there is no deticiene:; ; merely as a piece of English composition it is a pure and sound piece of work. But this is the least important of its merits. The story, as a conceptien, is new and goosl, and it is worhed out whth a true feeling for art and propertion. The characters are types immediately recogenirable: but they are aloo freshly conceived and treated, ar are portrajed with a vigeur and vivacoty allogether exceptional ; nthl lisis vivid impression is etfected by legitimate dramatic means. The characters ypeak and act for themselves, and show us what they are : the nuthor is at no pains to dinsect them for us himself, and no such dinsection is neceled. But you feel that he cares about his story: that he believes it: that he tells it with ardour and interest : that he has been sorry, and ghad, and amused, and indignant at what hap. pells: and this smcerny of his, combined with narrative skill, capures and holds gour own sympathies. Viun can trust yourself to this writer; he wall not disappoint you : lhere is no sucer await. ing; you at the end of the paragraph ; you will be insalted hy nu fantastic jubpleries, and depressed hy no whimsical inconclusiveness. Mr. lioe patruniaes neither his reader not se characters; he respects both, and fives them wioct they linve a "ught to ciprect."

Ovkr 25,000 sheets of " copy" are already pre. pared for the "Century lictionary" and their preservation has been a serious problem. It is necessary to keep this large mass of manuscript in the printing-office for frequent consultation in regard to cross references and the like. Jut if the manuscript were destroyed the lois would have been irreparable, for death or other reasons might make it impossithe to consult again vome of the experts whose opinions were emborlied. It was, proposed to insure the "copy" for $\$ 150,000$, but the insurance mone; would not hase replacel the loss. Finally photography vas suggented, and the idea has been successfully carried out. Eiach sheet of "cops," which is of brown paper, is eight inches by :welve, and bears printed extracts with corrections, interlineations, and additions, as well as written paragraphs. Each has been photographed and reduced to a size measuring only one and three-guarter inches by two. All the words upon the positives of this size can be read with a magnifying glass, for every detail is, of course, accurately reprohuced. The reduction is for convenience in storage and handling. The negatives are preserved, and the entire 25,000 would hardly more than till a lagge bureau drawer. These neg. atives can be enlarged to any size which miay be convenient. Should the manuscript now come to frief, these begatives we ld furnish a ready means of reproducing it in a very hort tinse, and the cost ror the whole 25,000 will nat exceed \$300. The filea was suggested to Mr. Fraser by a remem. brance of the photography and reduction of letters to be taken out of lasis by carrier pigeots during the siege: but this is believed to the the first time that book manuse-ipt has been treated in this manner.--N. Y. Tribune.

## ROOR'S RECEIVED.

The Jfa;h Sikoll Draidin; Course-Practical Geo. metry. By Arthur J. Reading. Toronin: Gris Printing and Publishing Co. iSS7. 3.1 pl . I'sice 20 cents.

## (Continued from page go3.)

education, however. When 1 was only twelve years ofd I conld read the Latin, French, Italian, Spansh, and Flemish languages; but 1 was particularly fond of history.
After my father's deaflimy brother was made king, but he died in a short time and my older sister took the crown. We were not on guod terms, and bad people stirred up strife between us. Some of them wanted me to be queen, and when my sister found this out she had me put in prison, and came near killing me. I had a very hard hife for a few jears, then my sister died and 1 was made queen.

There were enemies at home and abroad; people tried to take my throne from me, and put my cousin on it. I had her shut up so that could not be done. Then it was said that she and some others were olanning to kill me. This made some of my subjects very angry, and they tried her fortreation and had her put to death. I always had a very quick tempet, and sand and dis many things that would not be corvidered ladylike now, but my reign was considered one of the most prosperous.
11.

1 was born in Kentucky. Miy father was a poor farmer. I was very strong for my age, and used to help at grea: deal on the farm. I went to school onsly one year, but in that time 1 learned much and became very fond of reading. When 1 was sixteen, I began to run a ferry-boat across the Ohio, and three years afterward I made a trip in New Orleans. Once $m$ y brother and 1 . while ronning a valuable cargo down to New Orleans, on a flat-boat, eot stuck on a dam, and the boat was in danger of going to pieces. 1 invented an apparatus for lifing it off the bar, and afterward obtained a parent for it.

When I was twenty, my fal. er moned to Illinois cleared off fiften acres of fand, and built a log-cabin on it. I split all ti:e rails for the fence round the clearing. and 1 never heard the last ofit. I was known far and wide as a raio-spinter. I was always quite popuiar amon: the boys for my skill in wrestling and other spurts, and as i grew oider I became quite a famous stampspeaker. I used to rmitite finans stories, and frequently mate these aeth aganst my mats. One of these rivals used io sucer at ny poverty, but I alway; not the best of ham. I was nominated be one party, and he by ano:her, for a very high बffice, and 1 was elected. 1 was never unkind to any one; se: at liberty more than a million of people; siond by my country to the clase of a bloody stric, and almost mmediately afterward received my death blux trom the assassm's knife. My mono was: "Malice :oward anne, clariky for all."-Ticather's linstitaic.

## READING LATIN AT SIGITT.

Whil classes that have gained a considerable mastery of the language, no trouble will probably be experienced; but with classes whose advance has not been far, whose knowledge is somewhat misty, and who have always been accustomed to work with a lexicon at their elbow, the matter assumes an entirels different aspect.
The amm of "reading-at-sight" is not for mere ornament, but to altain a discipline and pleasure in the study. It brings out and applies that which is already in the mind, and in addition strengthens nearly all the faculaes. When attained, it produces a pleasure which is a stimulus to further effert.

Reading-at-statht does nut imply a full understanding of the Latin vocabulary. It does, however, demand some knowledge of the common words, and a familiarity with the declensions, conjugations, etc., and some knowledge of the Latin sentence. "Sightreading," in the words of Professor White, " does not mean the ability to take up the text of a work and read it off understandingly at once, as we might so much English. It means rather the power to read without a lexicon, $\rightarrow$ to read depending on one's self, the rate not being a matter of essential importance, and necessarily varying with disferent persons, and with the same person at different stages of his study."
In general the following directions will aid the student :-

1. Read the sentence carefully through in Latin, noting the endings and important words, but not of necessity with an effort to translate. A repetition of the reading, if the first reading does not aid, may impart some stight or vague sense of the general idea intended to be conveyed.
=. Look carefully for the leadine acro, which is usually in the indicative mood. When the leading verb is determined, find its subject. If the verb is transitive, find is abject. The translation of the sabject, predi: c.dfc, and abjeit will usually furnish the key to the sentence. The introductory words will offen show wheiher the chause is depenceite or independent, and so whether is contams thedependent or inderendent verb. Words like the relutroc pronoun ":ar," and siman words, are usually to be found in the dependent clauses.
2. Find the :upeds, ghouses, or clazeses that entatge or limit the meaning of the subject. liemember such modifiers may be any one of the following: - Aldjccitit, purtitijple, zemut ins asposition, noum ins scrititioc iase, a rehative ctasusc, or a pazricici/ial! phorasc.
f. Find the :uorids, theiases, or chateses that eniatige or limit the meaning of the frecticate. Thes = may be any one of the lollowing:Aldecrob, abhatiace cusc, a forchositions auigh its noun, or an aizertrbial thirasc.
3. The object may be enlarged or limited in the some manner as the subject.
4. In all this work it is necessary carefully to observe the endings of the words, their position, connexion, and relation.
5. In determining the meanings: of the words, start with the leading or common meaning, if possible. Its derived meanings, if required, will become plain with the unfolding of the sentence. With new words, or words that appear to be new, try to find their meaning by analysis, taking the stem or root, the prefix and suffix, and the force of each. Leave the words whose meanings cannot be ascertained in this manner until the last, when the context may reveal it.
s. When a sen:ence consists of a portion: whthin the grasp of the student and of a portion beyond his power, go back to the beginning of the sentence and re-read. Do not fai to connect everysentence with those that have preceded it. This will often throw light on dark passages. Finally, in reading-at-sight polish, especially at first, cannot enter in as an element of translation, as in carefully prepared work, nor ought this to be expected; and yet , in a little time, the crude and uncouth transferrings of idioms ought to give way to translations, ready and reasonably accurate, and a progress at once inspiring and useful.-From the New England Jour. nal of Education.

## THE TEXTBOOK METHOD OF TEACHING GEOGRAPHY.

Tins method includes nine-tenths of the poor teaching of geography. This slavish following of the texi book now referred to was perhaps more common twenty-five jears ago than in-day. There are still whole towns and states in the country where the textbook is used and followed both in precise order of subjects and in its entirety. Such a method makes it very easy for the teacher but very difficult for the childaen. The result which follows is, that most of the children learn to dislike this study more than any of the others. Such a result from such a way of teaching is highly complimestary to the children, and shows their good taste and correct reasoning powers.

Fortunateiy for the children the textbooks have greatly improved within the last ten years, and so they are taught so much the betrer, but methods of teaching geography have improved faster than the textbooks. These improved methods are taught in every normal ichool, and in some of the summer schoc 3 ; so there is no excuse for the eazchers, yel thousands of them are assigning lessons on the old plan, and reaping the old harvest of unsatisfaciory results.
liot long ago we heard of a teacher in Massachusctus giving out to his graduating class, for a home !esson, three pages of the textbook, containing descriptions and map-
questions in reference to nine of the states about the great lakes. "To learn carefully" the entire lesson," as required, necessitated the committing to memory of answers to $2 \mathrm{~S}_{7}$ questions.
Some of these questions were, " Where is Kaskaskia situated?" "Kerweenaw liay is a part of what lake?" Some of the statements were as follows: "Fond du lac, Osbkosh, liacine, and Jonesville, are theiving towns." "Galesburg and Ean Clair are important places." Of what possible advantage or use would a knowledge of such facts be to a resident of New England? Was the teacher who heard the lesson recited the next day foolish enough to learn them? Of course not. Such extreme foolishness and such cruelty to children ate not so very uncommon. Although believing strongly in the proper use of textbooks, yet when such cases come to our knowledge as the above we are almost persuaded that the German method of using oniy an atlas has the greatest advantages. At other times we consider the judicious use of a good textbook to be the better way.

Teachers, in following this textbook method, naturaliy fall into three promment mistakes-Charles F. R̈̈ur, Prestident diartional Saratogra Sikool of Methods, in siac American Tcacher.

## pRONUNCTATION:

A Whrer in the New England Gournal of Extucation gives the following directions for teaching people pronunciation :-

1. Insist on deliberate enunciation. Even in rapid class-work there can be no need for haste at the expense of correctness. The best work is that which is done with the mreaiest care, and slowly.
2. Do not :esirve this work of correct enunciation for the reading lesson. This is 200 of:en the case, and as the reading is not viener than once a day, and ther only for a stated period of time, there is litte gained in the is of proper sounding of the commoner .. irds of cur language.
3. Have a care for the colloquial words, the words of every-day conversation. The more pretentious words will probably secure for themselves their proper sounding, while the " whiles," "ands," terminatis in "ing," etc., etc., will pass unnoticed.
4. Cultivate the habit of cotrect spelling, and take the time to correct all errors as they occur. If a scholar is reciting and pronounce a word incorrect!s, immediately sound is ind require its conrect sound in return. The time it takes to do this is inap. preciable, and the gain is much.
5. Have a daily exercise in pronnunting. Mace several words on the blackboard each morning, to be leoked up by the childiren and pronounced sometine during the day:
6. Finally, and ahove all, be corsece yourself. Set an example of dei:beraieness and piain, clear crunciation of werds that shall be worthy of emulation.

## Educational Intelligence.

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## MCGILL COLLEGE:

Ar the quarterly meeting of the corpora tion of McGill Universht, a report was apuroved giving suggestions as to increasing the value of the Giichrsist scholarship. which is annually competed for in l.ondon by colo. nial students.
The following figures of the numbers of students were reported:-Faculty of Arts, 156 men and 78 women ; in all, 234 This is exclusive of occasional stuc ents who betong to other faculties, and who would greatly increase the number. Universities which have no !aw and medical faculties of their own would report such as swelling the num. bers of the Faculty of Arts. To thene should be added Morrin Collepe, 25 , ami Si. Fram-is, 16, making a total of 275 . The number of students in Applied Science is 57 . The number of bowks in the library was 25.705 , the principal donors during the year being Mr. Robert Muir, who gave a collection of tracts and pamphlets relating to the period of the American Revolution, Mr. leser Red. path, whose collection had overinowed the allotted space and required increased accommodation, the MicGill Collest Bnok Clab, the Graduates' Society, Judqe Markay, the Principal, and Dr. Wickstead.
Irogress had been made in the museum. which had required additional space for its collection of cc:aceans, which was more complete than any in the country. There was a large donation from the Royal lintanic Gardens at Kew. Mr. Kedpath had given his annual donation for the maintenance of the muscum of $\$ 1.000$. The chemical laboratory was now the best appointed in tie counsry, through the liberality of Mr. W. C. Nacdonald, who had givea Dr. Harrmgion carfe blanthe.

## THE OPENJNG OF I!OODSTOCK COLLEGIATI: MSTITUTE.

The proceedings conaccted whth :he offocial opening of the new Collena:e Instumte at Wondstock wre ciaborate. The baiding was decora:ed, addresses were presented in the Minister of Ejucatinn. the sehool rooms were inspected by the Minsiter, and two crowded meetings were heid, at each of which Mr. Ross made long and intetesting speeches.
In place of giving: a de:ailed descrip:on of the ceremonies (which were weil and fu:ly reporied by the local papers) we append in lew of the remarks made by Mr. Riass in his address a: the evening mectung.
Speakily of the pubic schnois, he cive: "The question is what shall be tau hi in children between those ages [5 and 44] that
shall be of the most benefit to them? He would have a limited curriculum ; limited as nearly to the three R's as was practicable and usefut. Every child in the Poovince should be taught to read, and to read so inteligently that he $m y$ be able to appreciate the information contained in the lesson. Ninety percent. of the value of reading consists in the reader having an intelligent percep:ion of the ideas of the author. You will find numbers of young men wandering idly and aimessly abint your streets, althoush you have an excel'ent Mechanic' Institute where they maght mprove their time. Are we lo ing our taste for reading, or had the teacher whin tau'st these joung men neglected to innocuiate them with a desire to pursue their reading afte: they left school? lie refered to the great opportunities possessed by our young men of ob:arning access to the great treasures of literature, and unged the necensity of everyone re:ding for hamself and thinking for himself. The man who is able to sit down and thank but a matter for himsel: is immeasurably a freer man than the one who is compelled to take his ideas second-handed. Amerian children, he said, were better reuders and more accurate $s p=a k e r s$ than nur chaldren. But it is part of our system :o train every boy aud girl to the accuratic use of tanguage; dst, orally; and and, by lathe composition exercises. We are here a speaking people, and are governed largisy by public speaking. It is, therefore, desirable that we should train our young people to accurate haturs of expression, for accarate hanits of expression bend to atcurnte habise es thought."
On the suhject of irec higher ediuration he said:-- It maph: be s.ad thas it is ail ripht to tin for an c!ementary educatom, but if a citild wamis on go hugher he satall pay for 14 . The State :Il saking charice of the education of the young assumes a paiernal duty, and that duay musi be discharined unat the ch:ld is of arec. Tace:, if it condaces to national life that every cnild shoald reccive an ciementary educaunn, anci it can be shown that hugnes eddu.tion os a more piwerlul intluen e to the same cuil, are we nim jusufied on that kround? But the h.inh sehoul is essen:i, tly the poor man's sthoni. It afforets an oppraturity for chalden or workingmen to receive in education that wouid o:herwise be unable so receive onc. It is no: our du:y to legislate for the rich. They can take care of themselves. It is the duy of the S:ate to see that the poor man shall not lacis the chance of improving his talents. We do nos level down; we level up. Then, the standing of our public schonls denends unon the ciaratiter of ithe icachers in charge. And these tearhers cume from the high schous, wh that in keep up the standard of our pulitice schonis we are compelied to crib up the standard of var lugh schools."

## HALTON TEACHERS' ASSOCIA. TION.

The annual convention of Halton Teachers' held at Mitton on the 27th and 2Sth ult., was well attended. The programme was more than usualiy interesting, and the discussions were entered into hearily by the teachers with profit and edification to all. Dr. McLellan, of Toronto, was present, and his lively and practical addresses were much enjoyed and highly appreciated. The off. cers for the current year were elected as fol-lows:-President, Robt. Coates, Burlingion ; Vice-President, Henry Gray, Milton; Sec.Treas., E. Harrison, Gen-getown. Mr. Coates' eltection to the Yresidency was unanimous.
Mк. T. O'llagas, formedy of Chatham High School, is stumping Notth bruce in the Liberal interest.
Tue Gravenhurst School hoand held their school meeting on the ist of February, for transacting the luainess of the school. The chairman, Mr. J. I:. Clipsham, gave the memters of the boadd an oyster supper.
At the annual meeting for the election of school trustees at Geotgetown, there were thate electors present besides the returning officer, and at the election to sill a vacancy on Tursiday of this week, only two attended.-Ation Frec IPress.
Miss N. L. Hart has been appoginted teacher of the highest division in :3t. Ilelen's S. School, Torontu. Mrs. MacGillis, formerly of Peterborough, has charge of the and division, and Miss Teresa Franklin has charge of the jad divison.
Tuse firss mecting of the New Muchell High School Board-The action of the sown trustees in putting Mr. Nouris on as third tencher was approted of. An additional rish of $\$ 2.000$ was put on school building and furniture, making $\$ 4,000$ in all.

At the secent mecting of the Comaty Council Inspector Dearness reported that the Liast Middllesex Teachers' Association had dishursed \$2jo of its surplas funds by addiag it to the municipal grant for the townships and villages in the Inspeciorate.
AT the second mecting of the Watord l'ubbic School Board for the year iSS7, it was moved by Mrs. Fulter, seconder hig Mr. Lonsinsom, that Ds. Stanley and Mr. J.ivinestone be a commituce a wist the schook sometime durin: the month of February, and requre restil of visit at March meet. ing-carricd.
Publac School. Instrector Mek sinow has gone on a trip thoough the Siates. Pect Counay Cunacil, at last session granted him four monsha' leave of aiserice. In a citcular the Inspipetor sta:es Mr. Fotheringham, Incrector for South Sork, and Mr. Ariam Morton, of Hrampron, will allend so his dusies.
Mer M.jesty ordeted one uf Messrs. Sitahlschmidt \& Co.'s "O;:icc King Desks," wae of which was on cahibition al Preston, ai their otice, belore it was shapied to the Culonial Ex hibition in Liverppol ; and ou her sour or inspecsion through the Exhibhition pmis special ancontion to the work of this lirm.- Presten I'roseds.

Ar the last meeting of the Hagersville School Board several questions of importance were discusied. The number of trustees was increated from three to six. The trustees have ordered the use of disinfectants in all the rooms, and every precaution is being taken to protect the scholars from the diphtheria scourge that is so prevalent in the country.
At the last meeting of the Woodstock Public School Board, the School Improvement Com. mittee were authorized to confer with Mr. Vanslyke in reference to filling the vacancy in room No. 12, caused by Miss Topping declining to accept the position, and if a suitable teacher be found in town the committee were instructed to engage her, and if not the secretary was to adver. tise.
Tare Uxbridge School Board met recently so discuss :xo new plans of the proposed new high school, one from Mr. Post, of Whithy, the other from Eidwards \& Wethster, Toronto. That of Mr. b'ost was favourahly receivel, and the secretary instructed to write that gentleman, ask. ing him to draw out plans and specifications in accordanee with alterations surgyested, so that the buikling cat be erec:ed within the specified sum of $\$_{4}, 000$.
At the annual school meering in S.S. No. S, Verulan, a very unusual case occurred. The ratepayers were unable to elect a trustec, as no one would act as chairman. It was known that there was to he a contest, and parties were about equally; divided. The Inspector being applied to for advice, recommended that a speciai meeting be called, and that a non-resident ratepajer be asked to act as chairman. He also sugecsted that Mr. W. B. Kcid, of Bobeaygcon, as a suitable person. The result was that a special mecting was held on the $=$ End ult., with Mr. W. B. Keid as chaitman. Mr. John Foster was elected rustec.

Tuefirst mecting of the Board of Trustecs of the Galt Collegiate Institute for the year, was heth on the $\operatorname{sn}$ inst. The thourd discusved the guestion of tinishing the farge upper soom of the institute. The principal reported thas the boys hall, whech is used as a hat and cloak soom, was much crowder, and recommended that the Modern Language's Master teach in a part of the large rovan where finsted, and that the west room be converted into a waiting room in view of the probable increase of pupils for $1 S S S$. The discussion was closed hy a motion requesting the llouse and Grounds Comb. miatec to lay lefrore the lowasd at its next mectung 2 report giving the promblic cant of tinithing the wacan upper roond in the institute.

A case of inectest to Schuol linardis came belore Public Sthonl Inspector Denrness recemly. One of the Trustecs of $\leqslant . S$. Nu. 6 , West Nissouns, undettook to sun the maxhine alune. All through ISSG he aever called a meeting of the loard, jut diah the whole hassuess himelf. even to the calling of the annual meeting. Complaine was matic to the Inspector, and the metter came up on Salar. day for invesignation. The Inspector decided thas everything that hat been dune throughout the year was illogal : osdereci another annual meczing io be held, and 4 appears thas if anjone chooses they can make the Trustec pay all moncys experaded during the jear nas of his uwn pocket. Sf. Tiomas Times.

Owsse to the prevalence of Diphtheria in the neighbourhood of tie lialaclava street school, St. Thomas, the Board of Education closed the school for a time, and also directed Medical Health Offecer Tweedale to make an examination into the circumstar es. The separate schools have also been closed. The diphtheria epidemic in the vicinity not having abated, it was decided to keep the school closed for another week at least. The trastees of Grace Methodist and St John churches have been asked to close the Sabbath schools until the epidemic ablases. The Boand of Separate School Trustees have decided to close the Separate Schools unill further notice. Later.-lBala. clava street school re-opened on the 3 lst ult., as all trace of diphtheria in tha: district had disap. peared.
Thr: Cannington lublic School Hoard met at the school house on the $25^{\text {th }}$ of January. It was moved by Mir. Clark, seconded by Mr. Samis, that in addition to opening and closing the school by reading of the Scriptures and prajer, that all the children alle to repeat the Ten Commandments shall be reguired to do so at least once a week, and that the Secretary furnish the teachers in the different departments with a cops of this resolu. tion-carried. It was moved by Mr. Dobson, seconied liy Mr. Clark, that this toard eegrets that the different cvangelical ministers of this village have not felt it to be their daty to visit this school more frequenty - carried. Moved by Mr. Doleon seconded lon Mr. Samis, that we tegret that the report of the proceedings of this hoard have not been published in our local paper as fully as circumstances demand-carried.

Fkont the last repust of the principal of the Cobourg Collegiate Instutute, we take the follow. ing : Under the new regulations fur apportioning the legishative grant and grading schools, it was fount necescary to add to our eq̧uipment by way of apparatus, map and lihrary: and also to improve our premises. I am haplpy in be able to state that throuith the liberality of the citizens of Cubourg, and lis school eniertainments, we have leen able to procure an excellent reference library, ;alued at alcut $\$ 775$, execeding the amount specified as necessary for institutes. I phesent herewith a cc. ithe cataloguc of books for your inspection. the room set apart for our library has ireen iastefuliy gited up and furnished, faec of expense in the lmard; ani I would respectully suggest that, as in many places, the iourd mighe use this romin fir its regular hasiness mectings. The apyarauus is valued by the Inspector $=\mathbf{i l}$ \$ 200 . leaving yed $5=50$ deficiency for first-class grading. The amonin of fees collected in iSSG was, far
 total, $5 i, j 6 S$. The year previous ihese sums were resprectively, $\$ 524.50$ : 5350 ; $\$ 1,17+100$ (1 may ath that the fees for this half year alone will reach nearly $\$ 1,000$.
At the first mecting of the new Guelyh Board of Education, on mosion of Nesses. Skinner and I'cicrson, a resolution was passed instructing that sepps tre sakea to bave Niss Clatice's School, and the other wati schools projectly heaicd Mr. Gcurge Murson, chairman of the Management Commilice, seporied : In seferesice to itie resolution passed at last mecting of the Board and
referred to the committee in reference to providing school accommodation fur coloured chaldren, a resulution was passed that Messrs. Fairbank and Bollert be a sub-committee to make all possible enquiries as to how many coloured children there are not attending schools, and all other information on the subject they can procure, atad report to this committee at a subsequent meeting. The sub. committee had made enquiry, but are not prepared to report definitely till next meeting of the com. muttec. The question of apportionng the Govern. ment grant to Training Institutes being refersed to this committee, the committee recommend that it bedivided as follows: IV. Tyiter, I'rincipal, $\$ 100$; Jas. Davidson, $\$ 75$; J. Campbell, $\$ 75$; W. Nicoll, $\$ 75$; D. Voung, $\$ 75$. Total, $\$ 400$. The report was adopted. Moved ing Mir. Bollert, seconded by Mr. Stewatt, that the Visiting Comnitiees ef the various wards in which the sehools have been used for election purposes, visit said schools, and report to the Board at their next meeting their ectimates of cost for cleaning up and repaising of damages, and that the chairman ascertain from the Sheriff if he has arranged for making an allowance for the use of the schools for the last election-car:ied.

AT the last mecting of the Toronto Public School board, the following report of the School Alanagement Committee was adopted without amendment : That the resignation of Miss L. V. MeCausland, teacher in Wellesley School, be accepted; that Miss M. J. Warren, teacher in Brant Sirect School, be granted leave of absence for one month on account of illness in her family; that Miss A. Melntyre be promoted to the position of headmistress of Howard Street School; that Miss Amelia Sims be transfersed to the junior fourth book class (boys), Wellesley School; that Miss S. Wagarty be transfersed from the junior third book class, Jesse Ketchum School, to the corresponding class, Wellesley School; that Miss C. Malone be transferted from Park School to Jesse Ketchum School; that Mrs. J. N. Agrew be iransferred from Winchester Street School so Park School: that the following appointments be made-Miss L. Wiggins, Dufferin Schnol; Miss A. Underwood, Winchester Street School ; Miss L. Sturrock, Phabe Street School ; Miss A. Mullin, John Street School ; Miss K. Burt, Grove Avenue Schoo!; that the Cummituce on Sites and Buildings be requested to procure iemporary school accommatation in the neighbourhood of Jorden Strect School, also in the neighbourhood of 1"ark School, to relicte the overerowding in the above-named schools; that Miss J. Wearse lis appoinied teacher for the class to be opened in the vicinity of Bordien Streel School; that Miss S. lhitip be appointed teacher for the class to be upened in the vicinity of leark School; that io the upiniun of this committec, is is not desirable at present to secommend the appointment of a truant ufficer. The chairman presented to Mir. MeMurrich the complimentary resolution passed last meeting, amid applause. The address was it. luminaicd and framed. Mr. Me.Murrich's motion, that the Sehool liananement Committec consider the advisability of opening the schools in the woming during Norember, December, and Janua:y at 9;30 a.m., and dispensing with the quatterboar morning recess, was carried.

## Correspondence.

## UNIVERSITY FEDERATION.

 To the Einitor of the Edeceatiosal. Whemis.Sir,-Your issue of January G:h contained an article on "University Federation" which has only recently fallen under my notice, but on which I should like in offer some remarks.

One is encouraged by your introductory observation that "our system of education ought to be based upon fair and liberal principles, independently of inctvidual interests" to hope that your view of the problem may agree with that taken by the authorities of Queen's University. The interpretation you put upon the above phraseology, however, shows that you incline towards a solution which others would consider neither " lib. eral" nor formed on grounds "independent of individual interests."

You say that governmental action has hitherto jeen blocked by a " doubt as 10 what was in reality the opinion and desire of the various Universities whose interest was to be consulted." The "opinion and desire" of Queen's were made known at least ihrec years ago. The respect you are willing to pay to these is shown by your remark that "Quecn's has announced her determination to live alone; and, until a change of opinion hastaken place in her, she must be left out of any consideration by the l'rovince of state recognition of university federation, and of the support which the l'rovince can give to it." In other words, it is of no consequence what her opinion is, or what the desire of her friends and alumni is, she must submit $t 0$ immolation on the altar of cemirali. sation before she can expect "recognition." If this is the prevailing idea in Toronto, why did not the Government proceed years ago to grant the demands of Torconto University without pre:endin; to be affected by an overpowering deference for the "opinion and desire" of any otber instilution?

You remark that the fedcration scheme " was at first most bitterly opposed by scetarian and local interests. Victoria, Quc n's, and Trinity demanied the retention of thetr unive:sity poisers and their local denominational existence." No doubt sectarian and local interests opposed this project as they would orpose any other. So far your assertion is correct. J3ut as a descripion of the motives thich nnimated the authorities of Qusen'a University in their hostilisy to the scheme, the above quetation is thoroughly untruc. That insutution possesses a spirit of independence which is surely as meritorsous in ia university or college as in an individual. It has a right of fight for tis hibeity, and to demand jus: urcanment at the hauds of lue stare so long as iss incependent exisrence is not incompatible with the general welfare. The aurhorities of Queen's have
steadily rested their case on public grounds, and on these grounds I believe it to be unassailable.
The present agitation was inaugurated at a meeting of the friends of Toronto University at whish Mr. R. E. Kingsford, stated that his alma mater required more money to enable her to out-distance rivals, who were gradually crecping up. In other words the parent of all subsequent agitation was envy and a determination to use public money in keeping other institutions in the background. What has Queen's University don:, that the state should corsent to such a policy? Ihis much:-that while the sister institution is enjoying a state endowment of over a million dollars, Queen's subsists on resources contributed by ten thousand private individuals who had faith in her. She costs the province nothing. She has fought her way into the position of beiag one of the two or three respectable universities that we have. She has performed the greal public service of imparting instruction in liberal studies to thousands of students from all parts of Ontario. You speak of the "duty of the province to maintain i/s university in a fit state of equipment." Do you mean to contend that the filial relationship to the province is constituted by the fact of having received gifts from the Government, and not by haviog done work for the people? Is it more blessed from the statesman's standpoint to reccive than io give; or, are we to have the seripture in this instance fulfilled, so that, in educational matiers, to him that hath shall be given, and from him that hath not shall be taken away even that which hehath?

Queen's University wishes to see every other institution of learning flourishing; it has no objection to their getting public money, provided the distribulion of such moncy is not made an instrument of injussice. Injus:ice will be wrought, however, unless public aid is fairly proporioned beween all well equipped universities. This l'rovince, if Scotiand be a standard of comparison, could well suppori not iwo but three or four firsi-class universities. It is desirable that independen: hre should $b=$ fossered in :his as in everyother sphere of social aciiv. ity. It is dangerous to centraisze ans produce a dead uniformity: It is prudent to have as least one selfogoverning unversity, conirolled by men whose lives aredevated to learning and no: to politics. It would be gencrous and public-spirited to show some approbastion of the conluct it thase noble men and women who have pmitheir hands in atheir oitn pockets and devoted their own means to the establishment and matintenance of a fountain of enligizen:anen:. It won!d be unjust, and therefore unwise, so tax the Iriends of Queen's Unsersisy in their capac:sy of zatephacrs : o provide funds wherewith to desaroy the instisution for which they have made personal sacrifices. If would be fair and parriotic to deal uat to Queen's University the same liberal ircatrient as may be accorded to Toronto Uinieressity. Fiurs iruly.
K. W. Shannon.

NinGSTON.

## Examination Papers.

NORサH HASTINGS
UNIFORM PROMOTIUN IEXAMINATHONS
DECEMBER, ISSG.
ENTRANCE TO THIRD CIASS. GROGRAPILS.

1. Nave the river and lake neatest (o) jour schoothonse. In what direction as each from jou? frace the cosurse of the siver, (any where it rives, through what townships, and in what direction it tows, and into what water it empties). What is the outlet of the lake?
2. The teacher will hang a map lefore the candidates and point to a gulf or bay, a strant, an isthmus, a chain of mountains, a penincula and a cuart. The pupils are then, simaltaneousity to write the names of the physical features poinied 10. The map must be so placed that the papils, white secing disunctly the representation of the natural division, cannot see the names on the mą.
3. What is a continent? On what continent do you live; What name do you give to a portion of land with mountains on twoth sides of it?
4. Draw a map of your school-room thowing the teachers desk and the pupils' deiks.
5. Niane the chicf manufactures of this couny.
6. In a columu wite the names of the towne ! ships of llastings, cart of Miarmora, Rawilon, ame: Silney. Opposite to each, write the names of the rivers which pass through the townsinip, and the names of its chef villages.
7. On what stream and railway is Frarkford? Deserunto? Bridgewater? Stirling?
S. Hy what siver or rivers is liawdom drained: Elzevir? Humingdon?
9, What. large lake lies panly in kemfew county and parity in Bangor township?
8. What county lies sruth of Hastingn? What isthmus connects it with Morthumbertand? What railway passes through :his isthmus? Vhat coun is in its neighbourhood?

Deduct one mark fur each error in suelling.

## ARITIMMETIC.

1. Add together nine thomand and five, one hundred and one thousand one handred, sixtyseven thousand and forty, seien hundred thousuad and sixty, forty-four, and divide the sum by iz (by factors).
2. Dultiply 6273042 ty 9056\%.
3. A merchant bought 120 overcoats a: 515.53 each, he snld one-hall of them for $\$=5$ cach, and the others in a iot for $\$ 520$. How much did he gain or lose?
4. If 17 pounds of tea cost \$10.57, what will be the cost ol 65 pouncis? Do this guestion without Ginding the price of one pound.
5. (a) In an acre of land there are 160 square
rois. how many acres are in $17 \mathrm{~S}_{4} \mathrm{o}$ square ronds?
(i) A poumh of tea weighs 16 ounces; how
many ounces ate there in four chests, each con-
tainng 45 p.unds?
6. A fruit dealer buys 242 doten oranges at 13 cents a doren; 10.4 oranges are spoiled, he sells the others at the rate of 14 for 25 cents. Does he hain or lose, and how much?
7. How many pounds of pork at 9 cents a prund can be exchanged for $2 S$ pounds of cheese at $123 / 2$ cems a pount, and 12 dozen of engs at 3 cents a dozen?
8. A farmer sol: 30.46 pecks of apples at 75 cents a hishel; how much did he get for them? A bushel coniains four precks.
9. What is the difference between one million and 999009 ? l'rove the accuracy of your work. Count 100 marks a full paper.

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